

The Australian National Hand Hygiene Initiative

Prof. Paul Kelly
Chief Medical Officer
Department of Health
Australia



Australian National Hand Hygiene Initiative

Key features:

- Recognition that good Hand Hygiene is crucial to controlling disease transmission
 - Hospitals
 - Community
- National co-ordination and standardisation – important
 - Adoption of the WHO “5 Moments” program
 - Establishment of a national benchmark for HH compliance in hospitals
- Mandatory national requirement for accreditation of all hospitals:
 - Participation in the NHHI – education, training, audit
 - Meet defined HH compliance benchmarks – by “Moment” and HCW group

Effects of the Australian National Hand Hygiene Initiative after 8 years on infection control practices, health-care worker education, and clinical outcomes: a longitudinal study



M Lindsay Grayson, Andrew J Stewardson, Philip L Russo, Kate E Ryan, Karen L Olsen, Sally M Havers, Susan Greig, Marilyn Cruickshank, on behalf of Hand Hygiene Australia and the National Hand Hygiene Initiative

Summary

Background The National Hand Hygiene Initiative (NHHI) is a standardised culture-change programme based on the WHO My 5 Moments for Hand Hygiene approach to improve hand hygiene compliance among Australian health-care workers and reduce the risk of health-care-associated infections. We analysed its effectiveness.

Methods In this longitudinal study, we assessed outcomes of the NHHI for the 8 years after implementation (between

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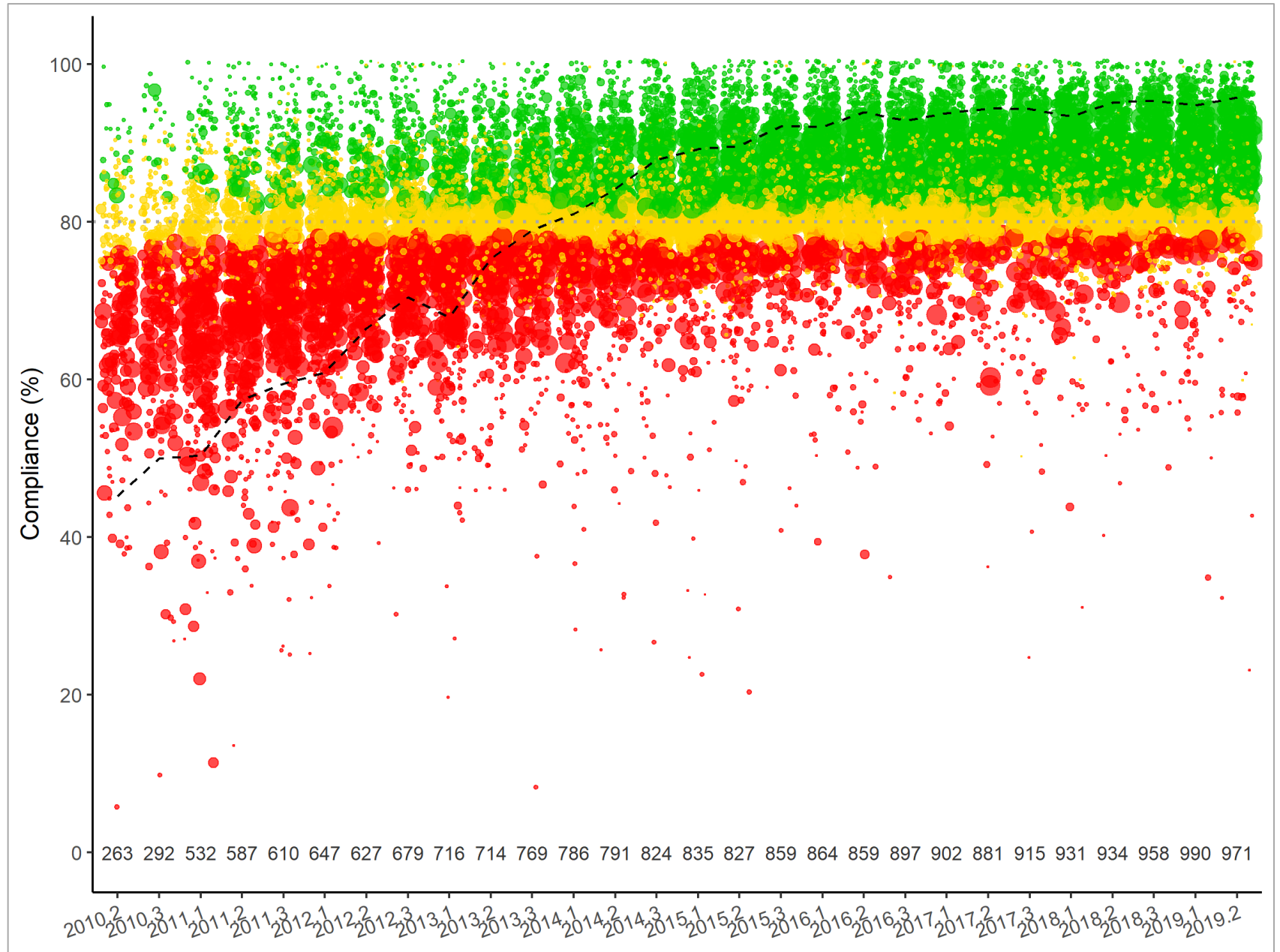
[http://dx.doi.org/10.1016/](http://dx.doi.org/10.1016/S1473-3099(18)30491-2)

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Hand Hygiene Performance: Hospitals

Period 2, 2010
to Period 2, 2019



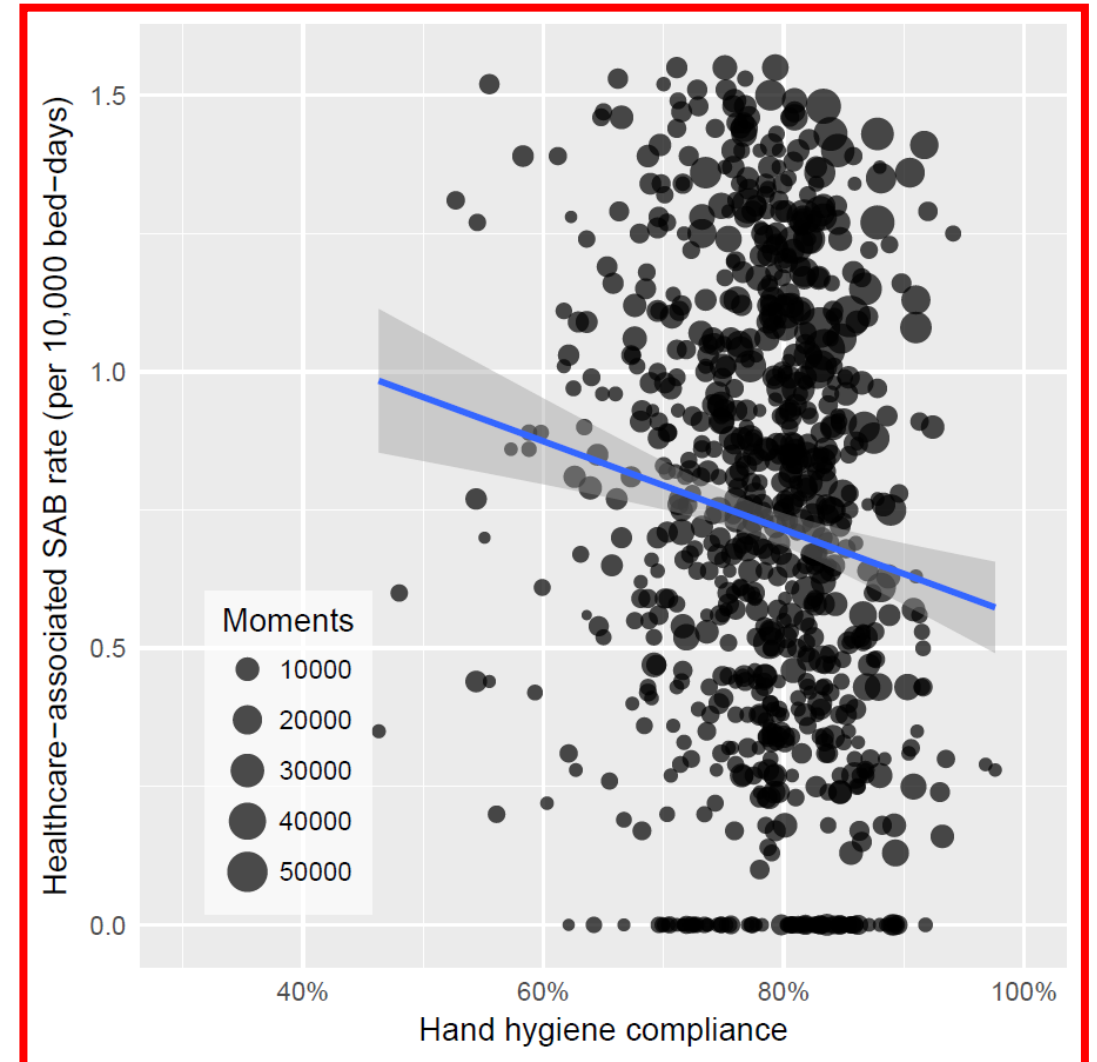
Results - HA-SAB rates vs HH compliance per site

Poisson regression:

Incidence rate ratio = 0.85 (95% CI, 0.79 - 0.93)

For every 10% increase in HH compliance, the incidence rate of healthcare-associated SAB decreases by 15% (relative reduction)

In real terms - 2016/17 vs 2010/11:
372 fewer HA-SABs - despite a
14.6% increase in bed-day activity





Embedded in Accreditation



Simple & Effective



Collect and use data to drive action

Local Engagement



National Coordination

